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The late researches of Professor Sars upon the anatomy of this singular group has given it a preponderating interest to readers of these researches, and Count Pourtales' list shows that we may expect still greater additions to our knowledge. The author describes five new species of Antedon, and mentions that *Pentacrinus Müllerii* was found at a depth of two hundred and seventy fathoms off Havana, and at three hundred and fifteen fathoms off Double-headed Shot Keys, but not on the Florida side of the Gulf Stream.

Rhizocrinus Lofotensis has been obtained several times during the season of 1869, in depths varying from two hundred and thirty-seven to four hundred and fifty fathoms. The author also states that he has seen the collections of Professor Smith, made on the Josephine bank, a remarkable and almost precipitous elevation of the bed of the Atlantic, accidentally discovered by the Swedish Frigate Josephine between the coast of Portugal and the Azores. In this collection he saw *Rhizocrinus Lofotensis*, *Echinocucumis typica* and *Pteraster militaris*, species common to the coast of Norway and the deep sea fauna of the Gulf.

"The Holothurians * obtained in deep water off the Florida reef are few in number, and are very closely allied to, if not identical with, those of the deep sea fauna of Norway. The littoral species, so abundant on the reef, do not appear to extend into even moderate depths outside, at least they were never found in the dredge."

FOSSIL CRINOIDS OF OHIO AND KENTUCKY.†—This article comprises descriptions of thirteen new species and two new genera, *Hadrocrinus* and *Ataxiacrinus*. Mr. Lyon has passed some thirty years in perfecting the collection which forms the basis of his descriptions in the neighborhood of the Falls of the Ohio, and the thoroughness of his descriptions derive additional value for the interesting character of this locality. The new species belong respectively to genera, *Hadrocrinus*, *Actinocrinus*, *Cyathocrinus*, *Poteriocrinus*, *Platycrinus*, *Dolatocrinus*, *Ataxiacrinus*, and *Zeacrinus*.

MONOGRAPH OF THE PHASIANIDÆ.‡—Under this title Mr. Elliot, who is now in London, proposes to issue a companion work to his large and beautiful folio monographs of the "Grouse Family," the "Ant Thrushes," and his work on the "New and Heretofore Unfigured Birds of North America." The proposed work will contain figures, with accompanying text, of all the known species of Pheasants, Jungle Fowl, Turkeys, Pea Fowl, Guinea Fowl, etc. The plates will represent the species of life size and will be from original paintings by WOLF, lithographed by KEULEMANS and colored by hand. The monograph will be completed

* Bulletin of the Museum of Comparative Zoology, No. 12. List of Holothuridæ from the Deep Sea Dredgings of the United States Coast Survey. By L. F. de Pourtales, Assistant U. S. Coast Survey, pp. 359-361.

† Remarks on thirteen new species of Crinoidea from the Palæozoic Rocks of Indiana, Kentucky and Ohio; and a description of certain peculiarities in the structure of the columns of *Dolatocrinus*, and their attachment to the body of the animal. By Sydney S. Lyon. Transactions of Amer. Phil. Soc., Vol. 13, pp. 443-446, with two plates.

‡ By D. G. Elliot. Five parts, folio. Zoological Society, London.

in five parts, each part containing fifteen plates. Not more than two parts a year will be issued, and they will be sold to *subscribers only* at four guineas each part. This proposed work will be a handsome addition to the libraries of all who can afford so great a luxury, and we trust that, as the price is beyond the means of most students of ornithology, copies will at least be secured for the principal libraries of this country. It will give us pleasure to forward subscriptions for the work, or Mr. Elliot can be addressed direct, care of the Zoological Society, London.

MONOGRAPH OF THE KINGFISHERS.*—We have already called attention to this beautiful monograph, six parts of which, containing the letter-press and plates of *forty-nine* species of this brilliant family of birds, have been received. The plates are most beautifully executed in colors by Mr. KEULEMANS, and the work is in every way worthy the support of Ornithologists in this country, and of all others who may wish for a handsome work for their library or drawing room. At present we notice that our own copy is the only one taken in America, but we trust that this will not be so long, and that before the last part is issued we shall see the names of several of our patrons of science on the list; but if they are to be there it must be done soon, as only two hundred copies of the work will be published, and the sixth number, issued in October last, shows already a list of one hundred and twenty subscribers. The work is to be completed in fourteen parts, each part containing at least eight plates. Professor MURIE is to contribute a chapter on the Anatomy and Osteology of the Kingfishers illustrated by plates.

A MONOGRAPH OF THE CAPITONIDÆ.†—We take pleasure in calling attention to the prospectus of this companion work to Mr. Sharpe's "Monograph of the Kingfishers." Like the latter birds, the Capitonidæ are possessed of the most brilliant and varied plumage, and considered as a whole, they are scarcely surpassed in beauty by any other family of the *Picariæ*.

"The authors feel that their experience in India has enabled them to gain a considerable knowledge of the general characteristics of the Eastern members of the family, while the recent exertions of Naturalists in Africa and South America, have materially contributed to elucidate the economy of the Barbets inhabiting these portions of the globe. While acknowledging the great amount of work that has been done of late years with regard to the Barbets, the authors cannot but believe that a Monograph of the family, giving full descriptions of the birds, their structure, habits, and general economy, accompanied by good illustrations of every species, will be an acceptable contribution to Ornithological Science. To render the work up to the standard which the present state of Science demands, no efforts will be spared; and it is intended to be not only a trustworthy hand-book of reference to the scientific student, but also a handsome addition to the Library or the Drawing-Room. The fact that the plates will be executed by Mr. J. G. Keulemans will be a sufficient guarantee for the excellence of this portion of the undertaking."

* By R. B. Sharpe. Fourteen parts, 4to. Zoological Society, London. The subscription price of this work is 10s. 6d. each part. Orders will be taken at the *Naturalists' Agency* at the rate of \$3.50 (currency) a part, or subscribers can remit directly to the authors, care of the *Zoological Society*, 11 Hanover Square, LONDON, W.

† By C. H. T. Marshall and G. F. L. Marshall. Eleven parts, 4to. Zoological Society, London. We shall be pleased to forward subscriptions at the same rates as for the "Monograph of Kingfishers," or the authors can be addressed care of the Zoological Society.